I hereby certify that, on the date shown below, this correspondence is being: deposited with the United States Postal Service in an envelope addressed to: U.S. Patent and Trauemark Office, BOX SEQUENCE, P.O. Box 2327, Arlington, VA 22202, under 37CFR § 1.8(a), with sufficient postage as first class mail, or under 37CFR § 1.10, as "Express Mail Post Office to Addressee" Mailing Label No. Attorney Docket No. DX0903K1 □ transmitted by facsimile to the Patent and Trademark Office, Fax Number _ CN 028008 Attention: Examiner



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Date: September / /

J Fernando BAZAN, et al.

2002 By:

Serial No.: 09/963,347

Filed:

September 25, 2001

MAMMALIAN CYTOKINES; RELATED For:

REAGENTS AND METHODS

Examiner:

TO BE ASSIGNED

PATENT

Art Unit:

1646

COMPUTER READABLE SEQUENCE SUBMISSION

Palo Alto, California 94304

September 17, 2002

U.S. Patent and Trademark Office BOX SEQUENCE, P.O. Box 2327 Arlington, VA 22202

COMPLIANCE WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

In response to the "Notice to Comply" with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures, July 1, 2002, for the above-identified application, in accordance with 37 CFR § 1.821 - 1.825, Applicants hereby submit: (1) a write-protected diskette containing a computer-readable submission for the "Sequence Listing"; and (2) a "Sequence Listing" paper copy of the contents of the diskette. Also enclosed please find a request for a one-month extension of time, extending the period for response from September 1, 2002 to October 1, 2002.

Enclosed is a write protected floppy diskette with the sequence listing generated by the Patent Office's PATENTIN program. The Diskette should comply with the requirements 4.37 CFR §1.824 and is IBM PC compatible with a PC-DOS/MS-DOS operating system. If the diskette has been damaged, pléase dail Applicants and a replacement diskette will be provided. A hard paper copy printout of the diskette is attached thereto

I hereby state the informational contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR 1.821(c) and (e), respectively, are believed to be the same. This submission introduces no new matter, since enclosed sequences are the same as sequences which were submitted in priority documents.

In response to the Notice to Comply, the following changes were made. For SEQ ID NO:1, at <223>, "unknown amino" has been changed to "unknown nucleotide." According to Mark Spencer of the Scientific and Technical Information Center (308-4212), it is correct for "Arg" to occur below the codon "cgn," even though "cgn" contains an unknown nucleotide. For SEQ ID NO:2, the notations at <220> to <223>, which had been automatically created by PatentIn, have been deleted. These deletions comply with instructions from Mark Spencer. Regarding SEQ ID NO:5, the notation of "ovine" at <213> is correct. Ovine refers to sheep.

Applicants have invested a significant amount of labor and care in preparing the present submission. The enclosed items are a bona fide effort to bring the present application into full compliance with the rules for sequence submissions. Should this not be the case, Applicants respectfully request notification of specific deficiencies and an opportunity for remedy, as described in 37 CFR 1.135(c).

Applicants believe that no fees are required; however, if any fees are required by the present Response, the Commissioner is authorized to charge any fees or credit any overpayment to DNAX Research Institute Deposit Account No. 04-1239.

Respectfully submitted,

Sheela Mohan-Peterson Attorney for Applicants

Reg. No. 41,201

enclosures and attachments:

one write-protected diskette (CRM) with paper print-out of contents

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